

Appendix C: Ratings for Water Quality Parameters

Parameter	Units	Range for "Excellent"	Range for "Good"	Range for "Fair"	Range for "Poor"
Ammonia- N ^a	mg/l	<0.2	0.2 - 0.6	0.6 - 0.8	>0.8
Atrazine ^a	ppb	<5 ^b	5 -20 ^b	20 -50 ^b	>50 ^b
Chlorpyrifos ^a					
Dissolved oxygen	mg/l	>9	5 - 9	2 - 5	<2
<i>E. coli</i>	#/100ml	<126	126 - 576	576 - 850	>850
Fish Toxicity ^a	% survival	>80	70 - 80	60 - 70	<60
Flow Rate	cfs	Dependent	On	Specific	Station
Nitrate - N ^a	mg/l	<0.2	0.2 - 0.6	0.6 - 0.8	<0.8
PAH ^a	ppb	<1	1 - 50	50 - 100	>100
pH (upper)	standard units	7 - 8	8 - 8.4	8.5 - 8.9	>9
pH (lower)	standard units	7 - 8	8 - 8.4	8.5 - 8.9	>9
Conductivity	MS/cm	<0.2	0.2 - 0.6	0.6 - 1	>1
Turbidity	NTU	Dependent	On	Specific	Station
Temperature (upper)	Celsius	21.11 - 31.11	31.12 - 32.78	32.79 - 34.43	>34.44
Temperature (lower)	Celsius	21.11 - 31.11	15.57 - 21.10	10.01 - 15.56	<10.00

^a Parameter only monitored during the first monitoring season.

^b Combined rating for atrazine and chlorpyrifos.